

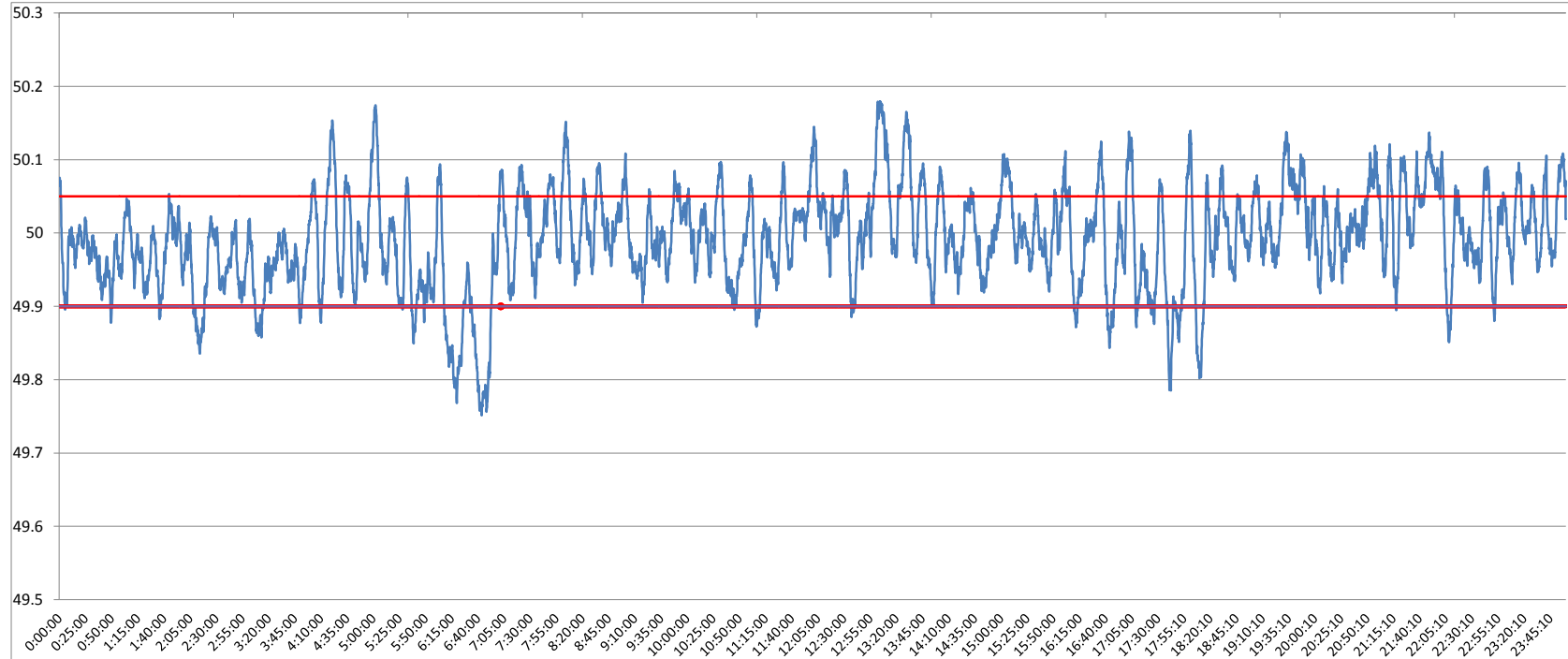


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

04-Nov-15



<49.2	<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2
0	0.00	8.07	36.54	1.04	7.03	47.72	39.69	4.53	72.21	100.00	35.42	15.27	44.18	28.04	19.72	0.00

Average Frequency		49.99	Frequency Variation Index :		0.047	Standard Deviation :		0.068	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		105	
Max	50.18	13:04:40	Max	50.128	13:15:00	No. of excursion below 49.97 Hz		139	
Min	49.75	6:43:40	Min	49.844	6:30:00	No. of excursion above 50.00 Hz		147	
Average time freq remains below 49.97 per excursion			0:03:47	Average time frequency remains above 50.03 per excursion		0:03:51	No. of excursion below 50.00 Hz		145